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	,	AT	116	Manning, P.A., e Elsevier Science	et al., "Gene C (1999).	Capture in <i>Vibrio cholera</i> ," <i>Tre</i>	nds in M	licrobiology T	7:93-95,	
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		AS	117	recombination in	Zechiedrich, E.L., et al., "Topoisomerase IV, not gyrase, decatenates products of site-specific recombination in <i>Escherichia coli</i> ," <i>Genes Dev. 11</i> :2580-2592, Cold Spring Harbor Laboratory Press (1997).						
	,	AT	117	Institut Pasteur V	Nebsite, Intro eur.fr/recherch	oduction: he/unites/pmtg/integ/intro.htm	ıl (acces:	sed 6/19/200	93).		
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